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Inventor: Thomas W. Sederberg
Contact: Steve M. Perry
Telephone: (801) 566-6633
Docket No. 22477

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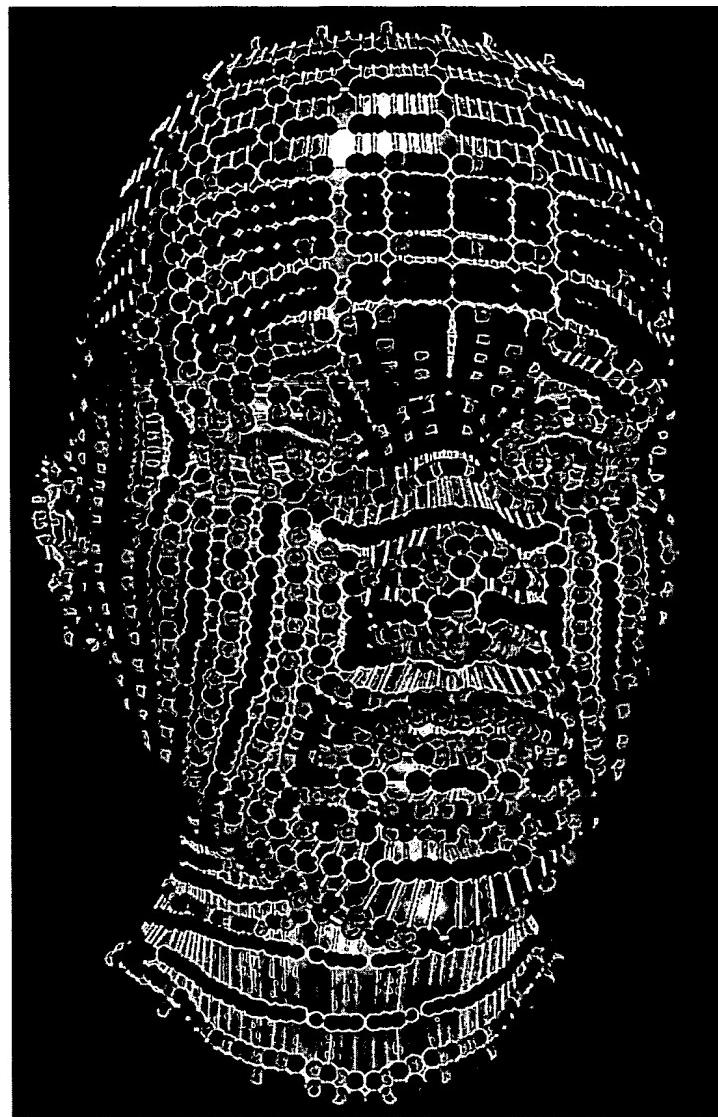


FIG. 1

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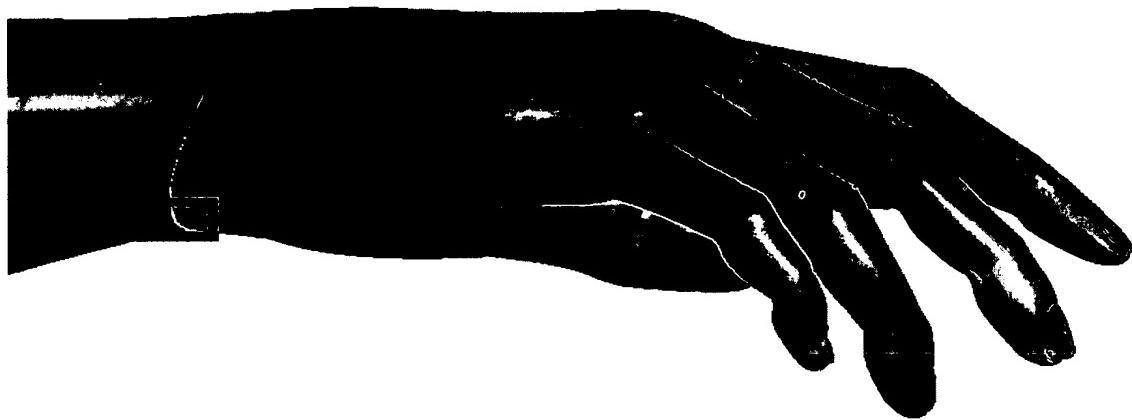


FIG. 2

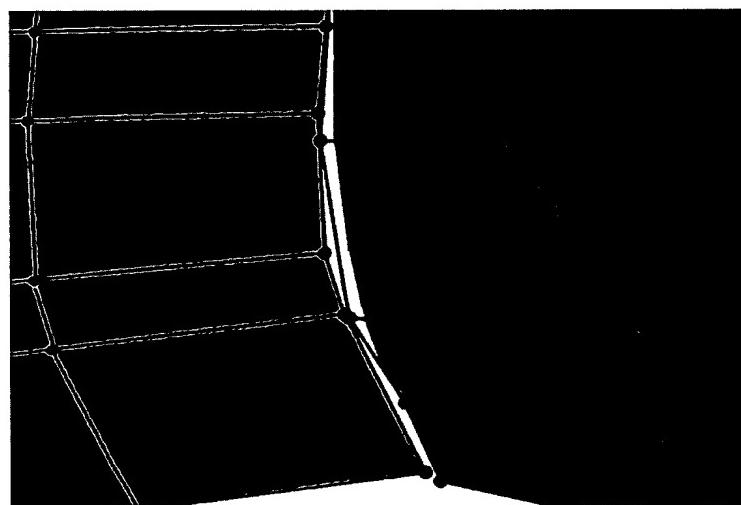


FIG. 3

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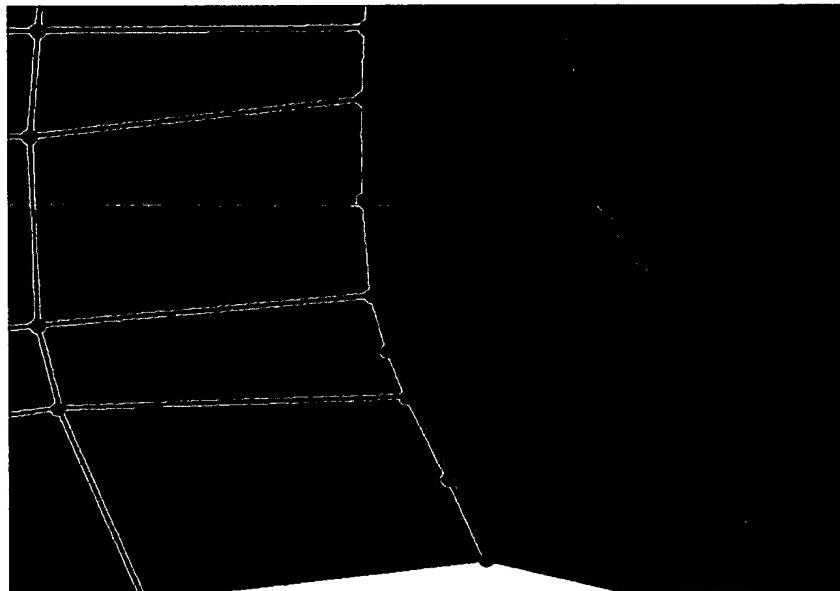


FIG. 4

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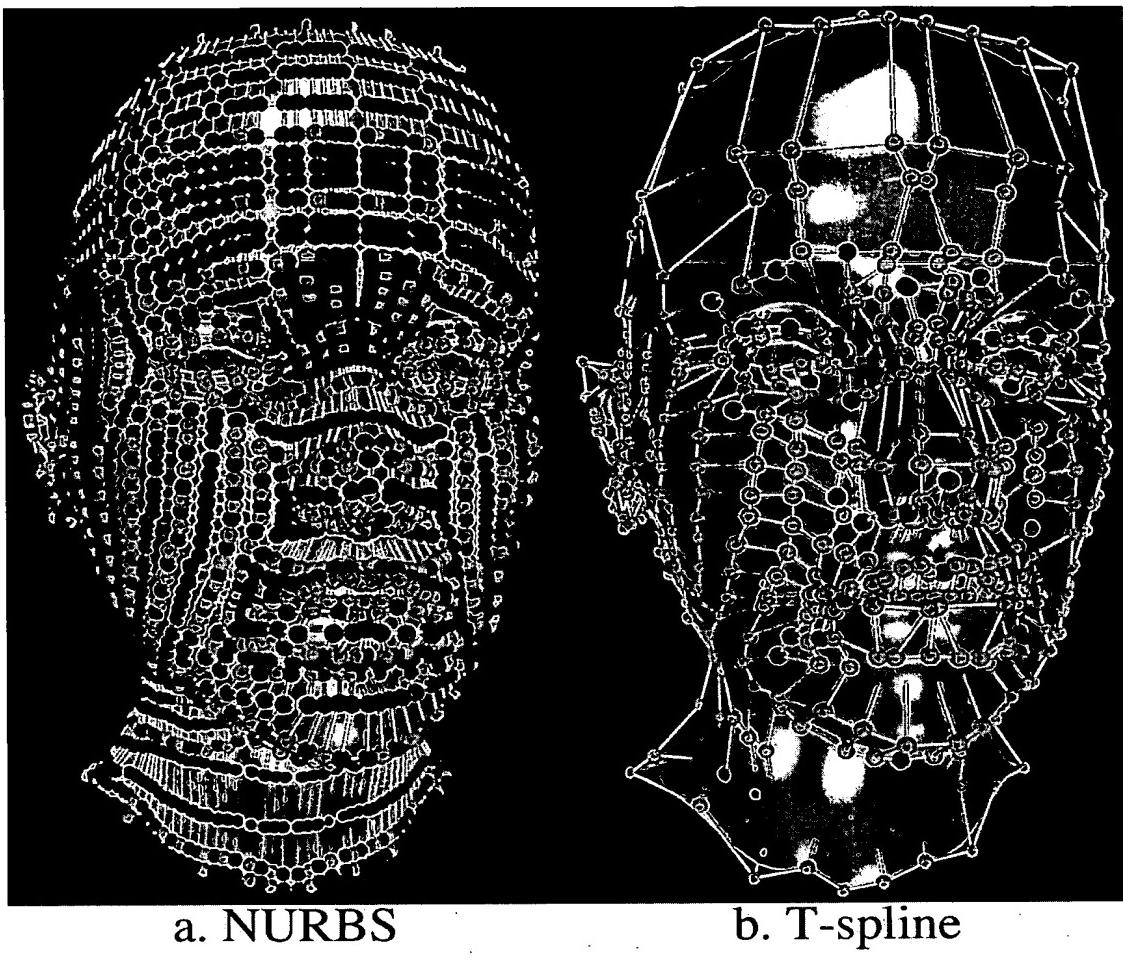


FIG. 5

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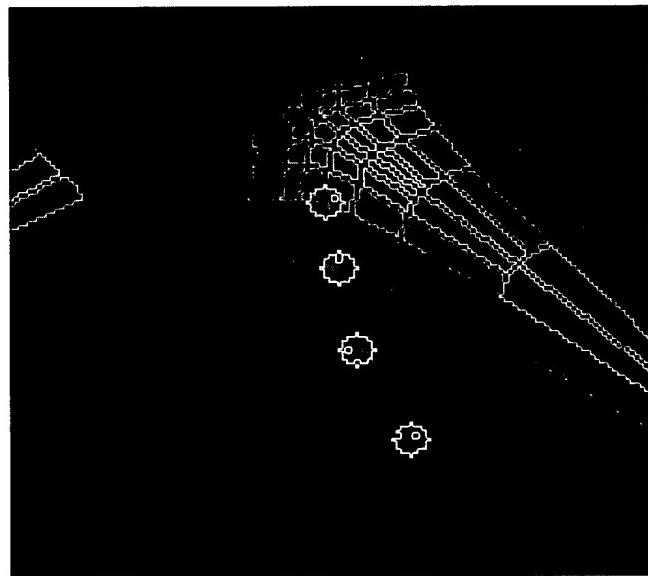
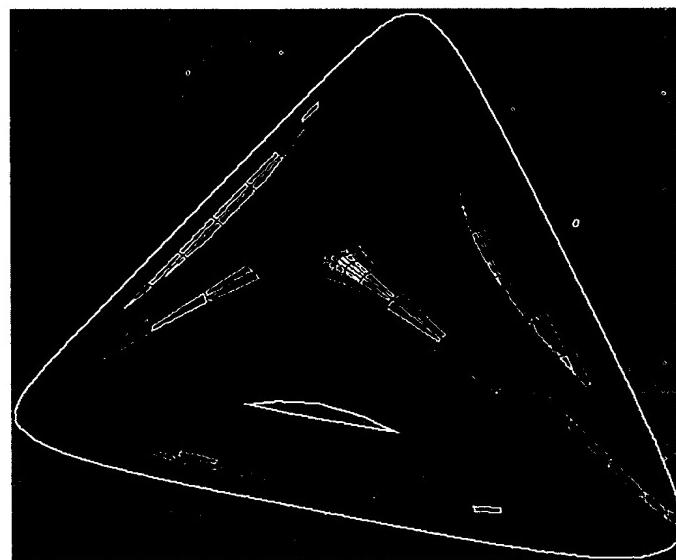


FIG. 6

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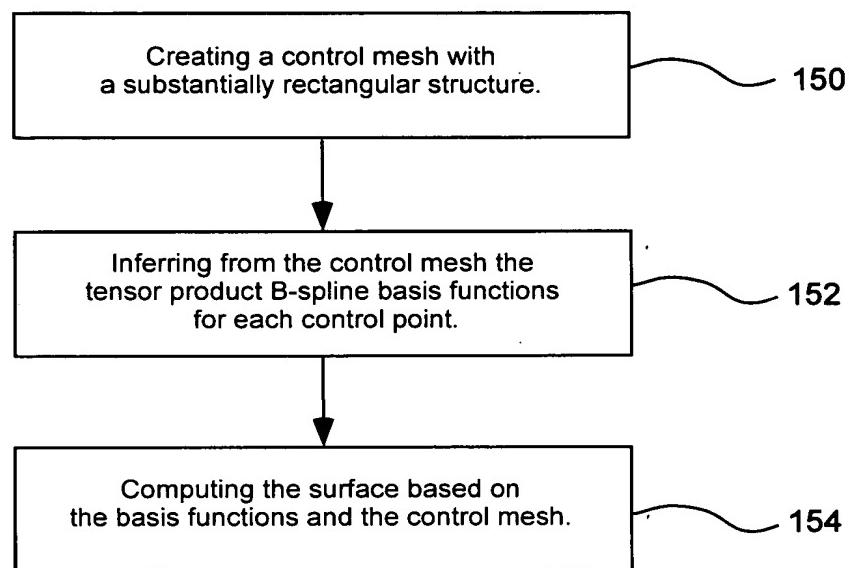
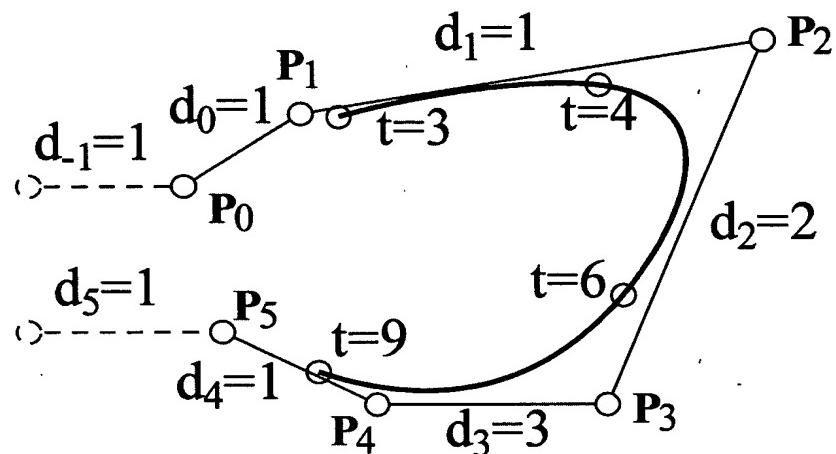


FIG. 7

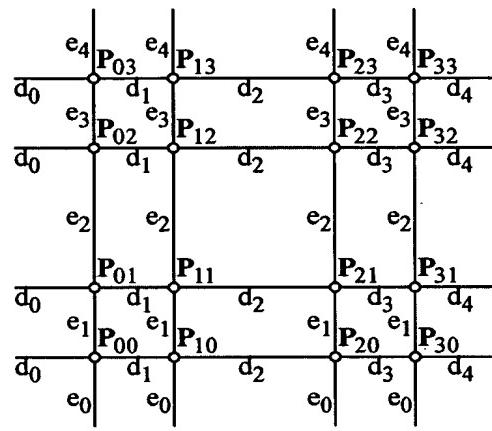
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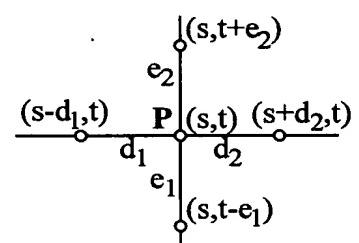
Knot Vector = [1,2,3,4,6,9,10,11]

FIG. 8

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a. Bicubic patch



b. Knot coordinates

FIG. 9

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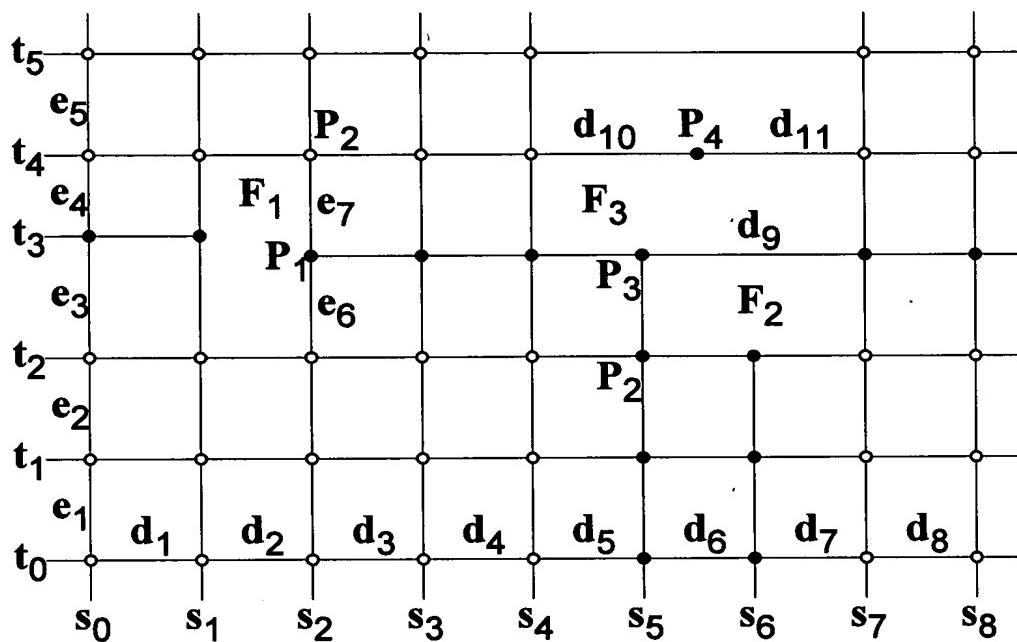


FIG. 10

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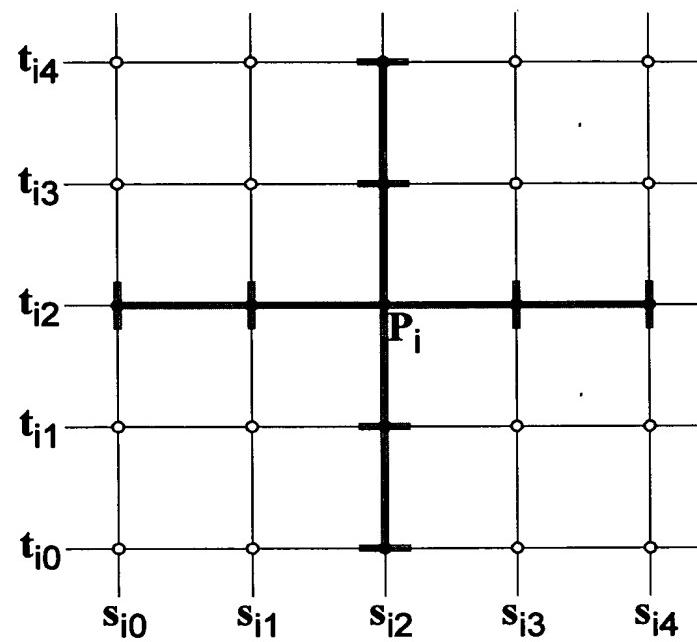
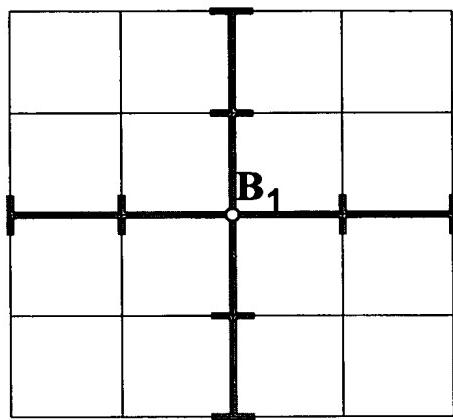
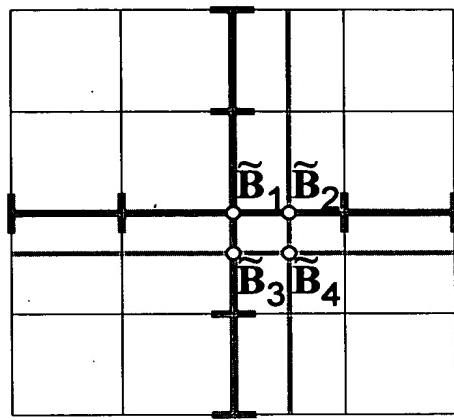


FIG. 11

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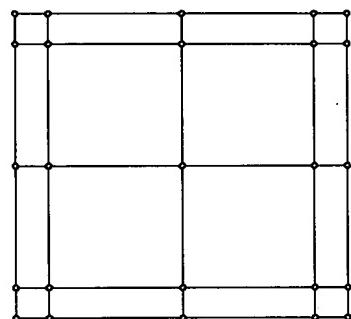
a.



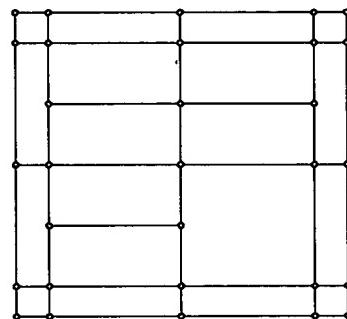
b.

FIG. 12

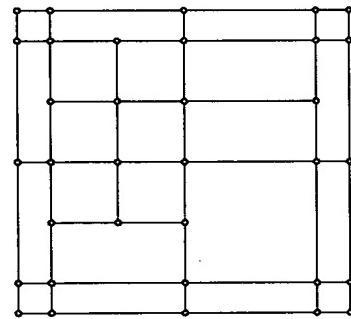
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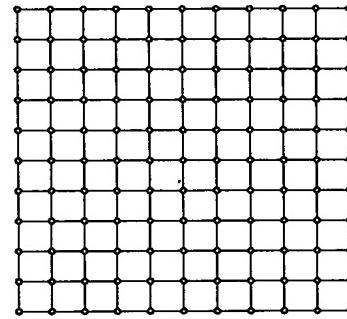
a. S_1



b. S_2



c. S_3



d. S_n

FIG. 13

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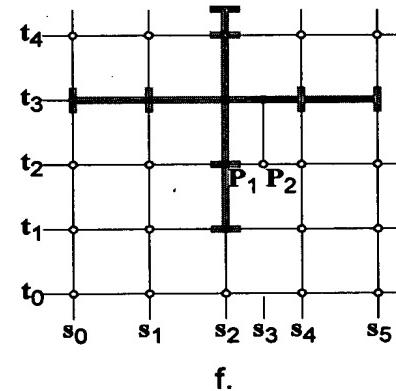
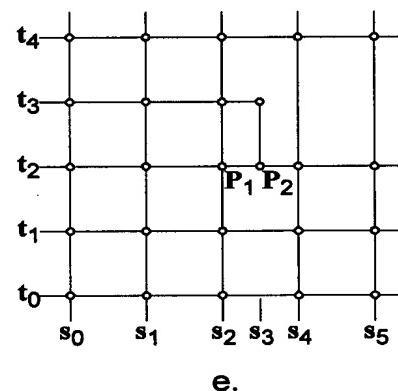
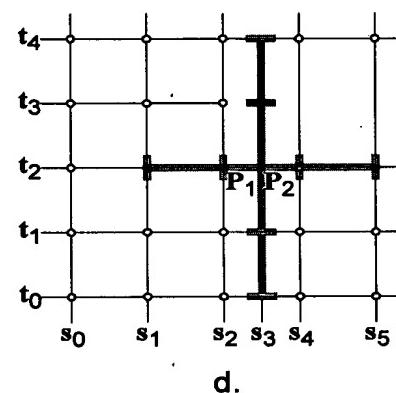
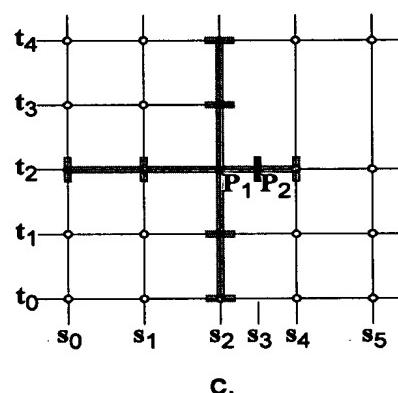
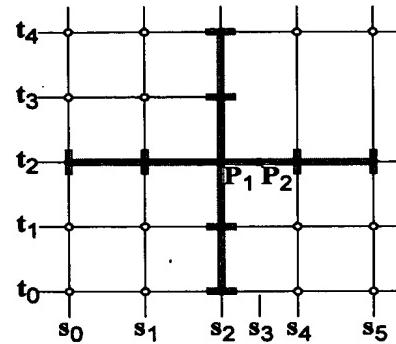
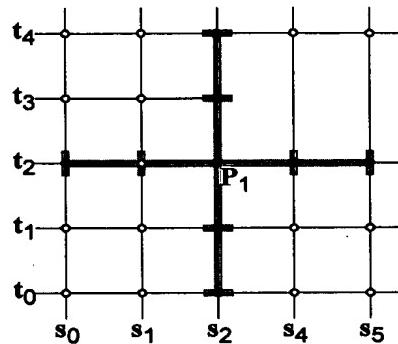


FIG. 14

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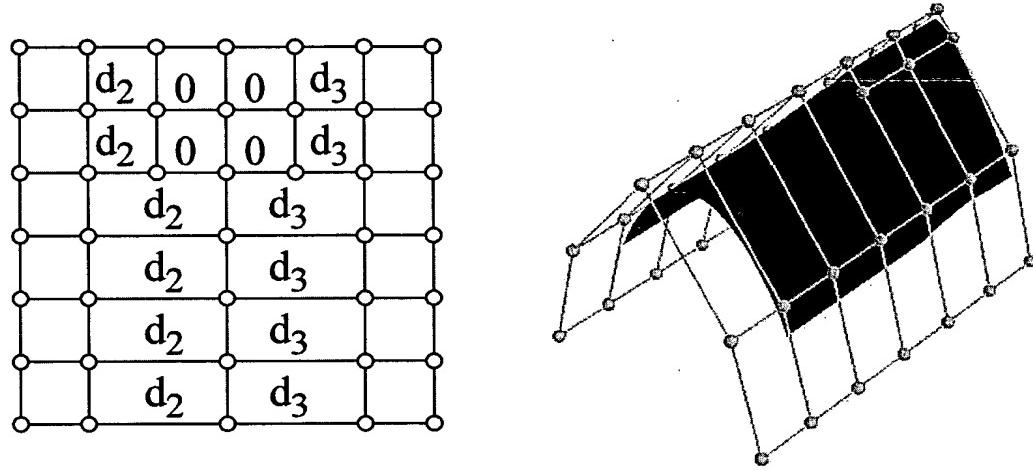


FIG. 15

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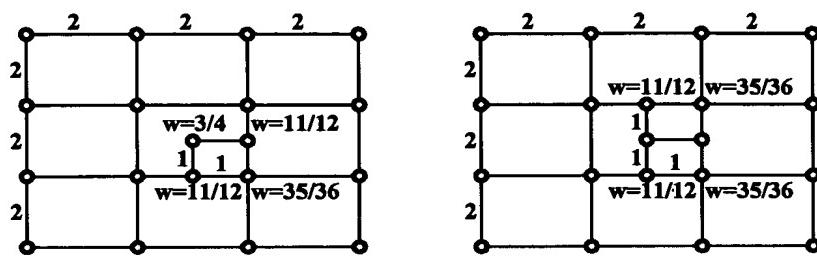


FIG. 16

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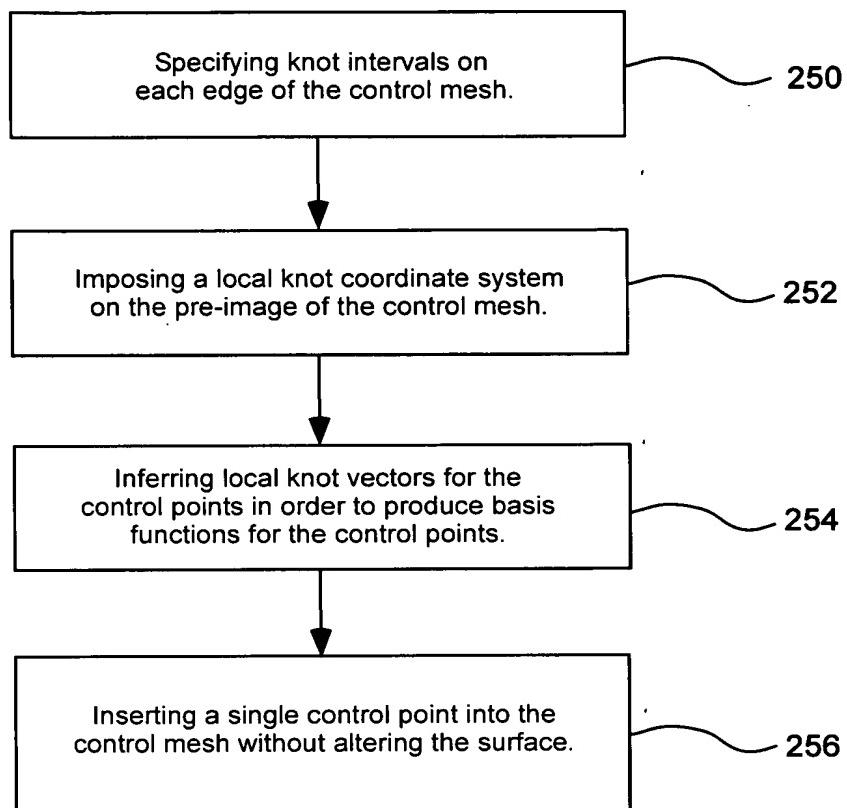


FIG. 17

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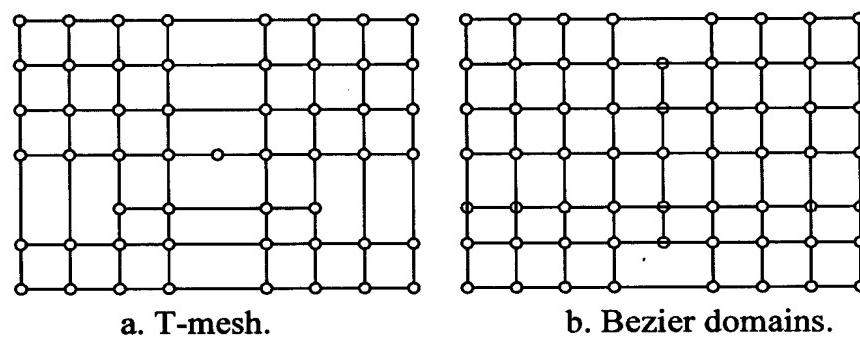
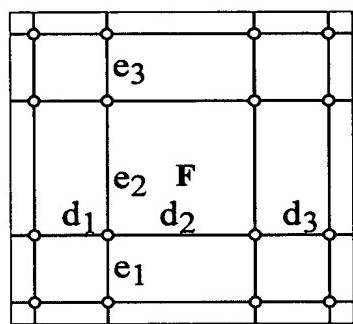
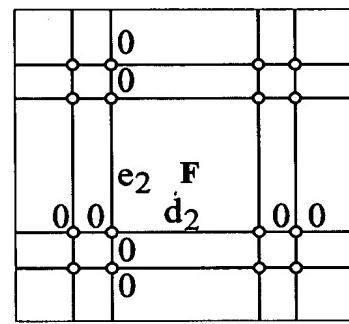


FIG. 18

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a.

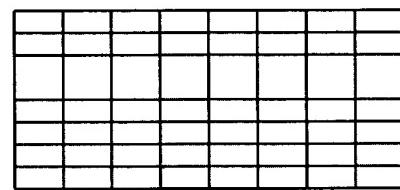
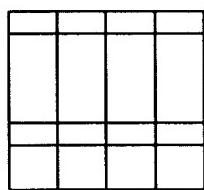
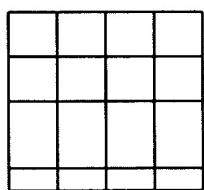


b.

FIG. 19

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a. Patch 1

b. Patch 2

c. Merge of both patches

FIG. 20

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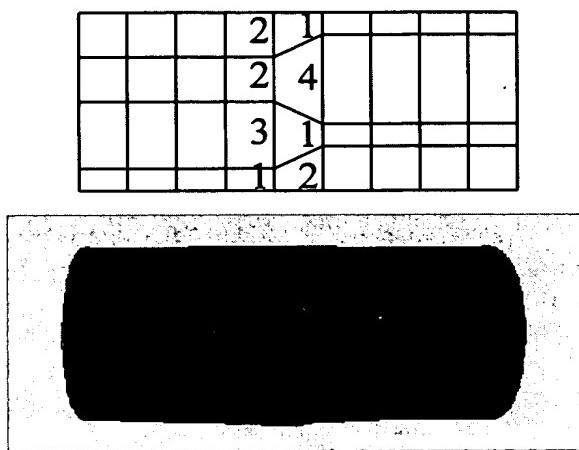


FIG. 21

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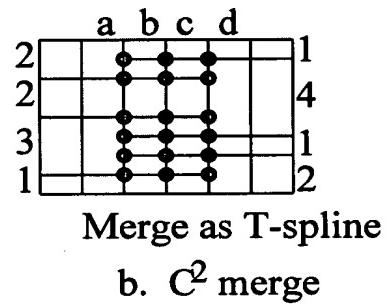
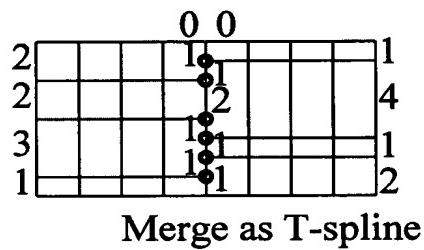
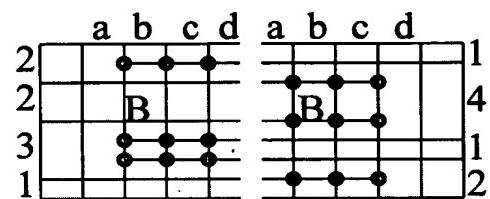
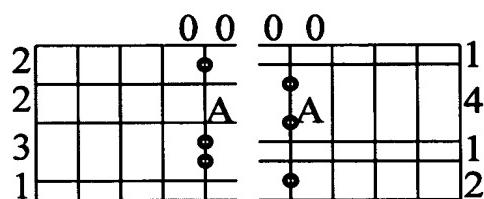
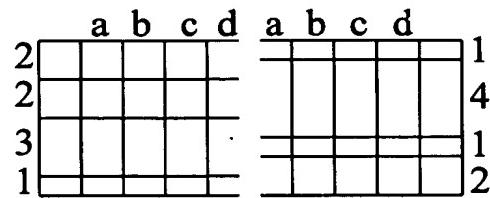
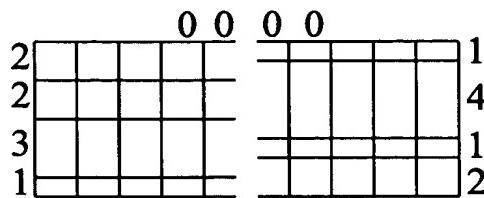


FIG. 22

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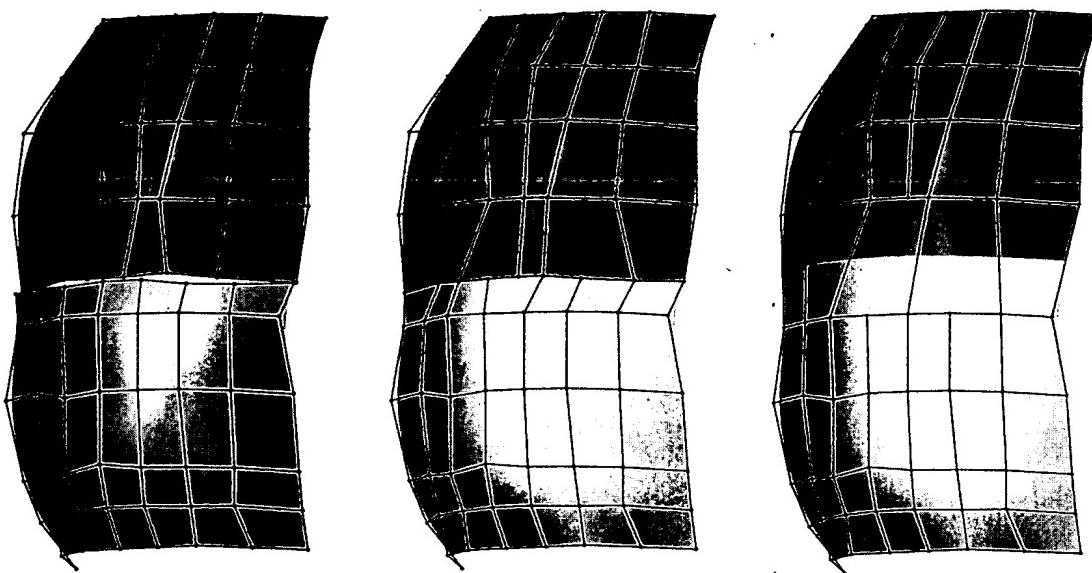


FIG. 23

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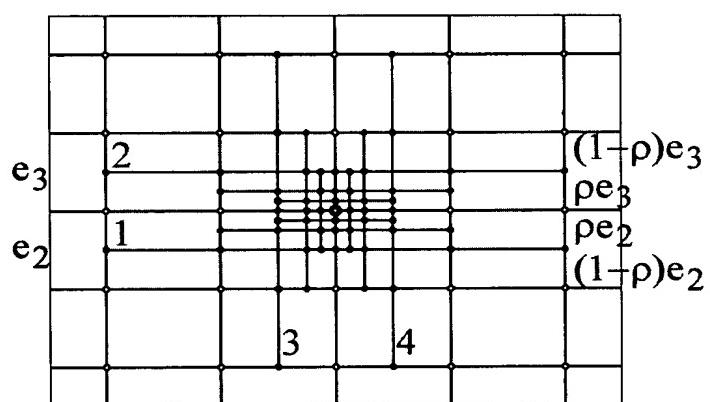


FIG. 24

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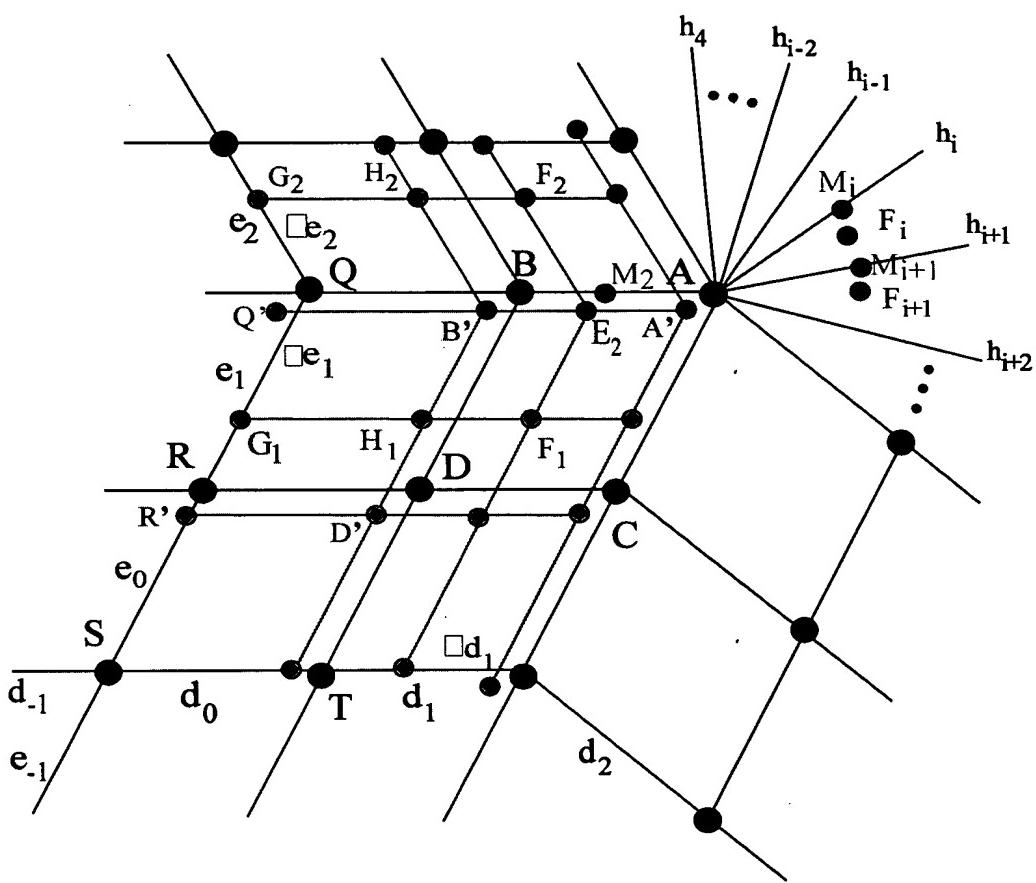


FIG. 25

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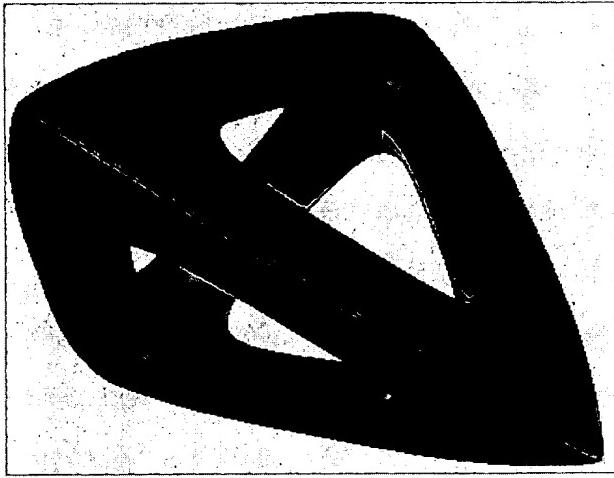
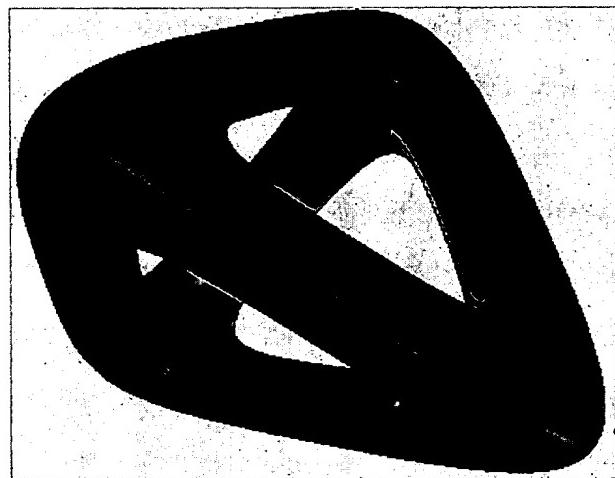
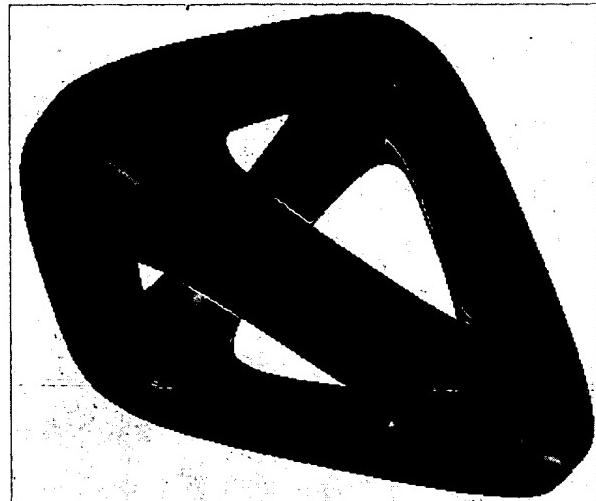
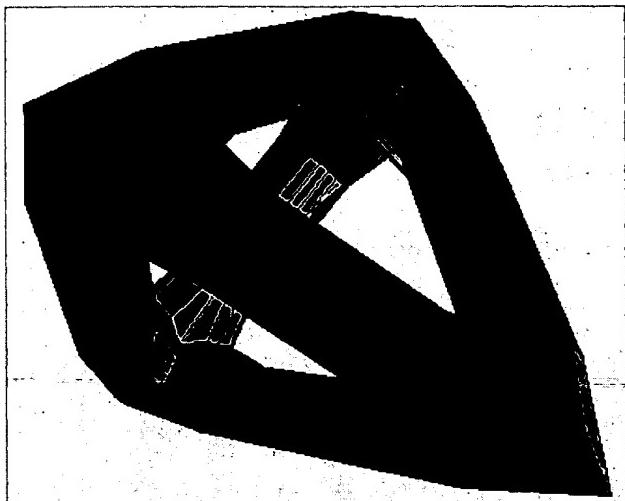


FIG. 26